AMENDMENTS TO THE CLAIMS

Claims 1-10 (Canceled)

11. (Currently amended) Pressure control valve with integrated pressure sensor, comprising:

a valve member arranged in a valve housing,

a sensor element for generating an output signal that is a function of a fluid pressure reaction of the valve housing, wherein the fluid pressure reaction of the valve housing is determined by the sensor element by using the sensor to detect a deformation of the valve housing,

further including a signal-receiving and exciter assembly and wherein said sensor element is attached to said valve housing and is wirelessly connected to said signal-receiving and exciter assembly,

wherein the signal-receiving and exciter assembly couples an electric signal into said sensor element by way of a receiving circuit integrated in the sensor element.

Claims 12-13 (Canceled)

14. (Previously presented) Pressure control valve as claimed in claim 13, wherein the sensor element or the signal-receiving and exciter assembly includes a compensating circuit to stabilize the signal strength of the output signal of the sensor element.

15. (Previously presented) Pressure control valve as claimed in claim 13, wherein the sensor element includes a gauge element and a reference circuit having a reference output signal, and wherein an output signal of the gauge element is combined with the reference output signal to comprise the sensor element output signal.

16. (Previously presented) Pressure control valve as claimed in claim 11, wherein the valve housing includes an area made from a thin walled sleeve and wherein the sensor element is arranged on said thin-walled sleeve.

17. (Currently amended) Pressure control valve as claimed in claim 16, wherein the sensor element includes a gauge ring, a reference ring, and a wire strain gauge[[strain]].

18. (Previously presented) Pressure control valve as claimed in claim 17, further including an exciter ring coaxially aligned with said gauge ring and said reference ring.

19. (Previously presented) Pressure control valve as claimed in claim 18, further including a cover which accommodates a controlling or regulating electronics that is required for the operation of the pressure control valve and is electrically and mechanically connected to several electric contacts of a valve coil of the valve member.

20. (Previously presented) Pressure control valve as claimed in claim 19, wherein the valve coil, the controlling or regulating electronics, and a signal-receiving and exciter assembly are combined to form a prefabricated subassembly in the cover.

21. (New) Pressure control valve with integrated pressure sensor, comprising:

a valve member arranged in a valve housing,

a sensor element for generating an output signal that is a function of a fluid pressure reaction of the valve housing, wherein the fluid pressure reaction of the valve housing is determined by the sensor element by using the sensor to detect a deformation of the valve housing,

wherein the sensor element includes a gauge ring, a reference ring, and a wire strain gauge.